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Applicants: Peter S. Linsley et al.
U.S. Serial No.: 09/666,267
Filed: September 21, 2000
Page 2

B1
--This is a divisional of U.S. Serial No. 08/459,766, filed June 2, 1995, which is a divisional of U.S. Serial No. 08/219,200, filed March 29, 1994, which is a file wrapper continuation of U.S. Serial No. 07/722,101, filed June 27, 1991, now abandoned, which was a continuation-in-part of U.S. Serial No. 07/547,980, filed July 2, 1990, now abandoned, which was a continuation-in-part of U.S. Serial No. 07/498,949, filed March 26, 1990, now abandoned, which applications are incorporated herein by reference.--

In the Claims:

Please add claims 79-88 as follows:

- B2 ✓
- 79. (new) A method for interfering with binding of a B7 antigen with a CD28 antigen comprising contacting the B7 antigen with a monoclonal antibody or fragment thereof that binds the B7 antigen.--
 - 80. (new) The method of claim 79, wherein interfering with the binding of B7 antigen with CD28 antigen prevents B cell interaction with T cells.--
 - 81. (new) The method of claim 79, wherein interfering with binding of the B7 antigen with the CD28 antigen reduces T cell proliferation.--
 - 82. (new) The method of claim 79, wherein interfering with the binding of B7 antigen with CD28 antigen inhibits T_h-cell induced Ig production by B cells.--
 - 83. (new) The method of claim 79, wherein the monoclonal antibody binds to the B7 antigen and thereby blocks CD28-mediated binding to B7 by at least approximately 30%.--

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Page 3

- B² conta*
- 84. (new) The method of claim 79, wherein the monoclonal antibody binds to the B7 antigen and thereby inhibits T cell proliferation by at least approximately 30%.--
- 85. (new) The method of claim 79, wherein the monoclonal antibody is mAb BB-1.--
- 86* --86. (new) A method for regulating an immune response, comprising contacting B7-positive cells with a monoclonal antibody, or fragment thereof, that binds B7, thereby inhibiting T cell proliferation by at least approximately 30%.
- 87* --87. (new) A method for generating and identifying antibodies for a B7 antigen that inhibit B cells from binding CD28, comprising:
- (a) screening a sample of B cells for B cells that bind CD28;
 - (b) isolating and purifying proteins mediating the B cell binding with CD28;
 - (c) immunizing an animal with an antigenic portion of the purified proteins;
 - (d) harvesting antibodies so produced; and
 - (e) screening the antibodies for antibodies that inhibit CD28 binding to B cells.--
- 88. (new) The method of claim 87, wherein the antibodies inhibit CD28 binding to B cells by at least approximately 30%.--

Please cancel claim 19 without prejudice.

REMARKS

This is the second Preliminary Amendment filed in connection with this case. The first Preliminary Amendment was filed with the application on September 21, 2000, and added claims 77 and 78,